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The researches of M. Meylan, in the Jura, on the *Sphagna* of the *acutifolium* group (Rev. BRY., 1906, p. 17, et seq.) have, I think, thrown some doubt on the permanent validity of some of the species recently put forward in this group. Herr Roth, however, is fully aware of the unsatisfactory character of some of the species, since he draws attention to the fact that most of the species are connected by intermediate forms. Whatever view may ultimately be adopted in reference to the species within this group, students will be grateful to Herr Roth for bringing together and collating the views of various authors on the modern lines, where collation presents more than usual difficulty.

The plates give the general facies of the plant, with details of the leaves, cells and pore structure and add very materially to the usefulness of the work. A Key is given to the species of the *cymbifolium* group, but this system is not extended to the other groups, which, indeed, for the most part, do not readily lend themselves to this method of treatment. The descriptions of the species are carefully done and the whole distribution of the species is given, so far as it is known to the author, and, as in most cases, the species are common to Europe and North America, the book will be found useful by students on both sides of the Atlantic. Four new species are added to the list of the European *Sphagna*, bringing the total number up to fifty-three.

The new species are: *S. Schliephackei* (Röll), *S. pseudorecurvum* (Röll) and *S. pseudocuspidatum* Roth, of the *cuspidatum* group, and *S. pungens* Roth, of the *subsecundum* group. Moreover, *S. rufescens* Bry. Germ. is split up into two species: *S. rufescens* Bry. Germ. and *S. cornutum*, Roth; the latter characterized by numerous ringed commissural pores, like strings of pearls, both on the inner and outer surfaces of the leaves.

Purists in the matter of language will be glad to find that the somewhat mongrel name, "*crassicladum*," has given way to the older name *turgidum* C. M., while many will be pleased to find that the familiar *S. laricinum* Spruce, has been re-instated.

In conclusion the author explains a simple method of staining by the use of Methyl violet, which acts very rapidly and enables the more intimate structure and position of the spores to be readily observed.

WM. EDW. NICHOLSON,
Lewes, August, 1906.

SULLIVANT MOSS CHAPTER NOTES.

I shall be very grateful if members of the Chapter will send me complete data of all the New England specimens of *Ramalinas* in their Herbariums with extreme measurements of thallus, width and length of each species or form and if possible with remarks on distribution and characteristic growth, substratum, etc. in their particular region. Proper acknowledgment will be made for all such aid which is asked for by Dec. 15, 1906.

Address MR. REGINALD HEBER HOWE, JR.
Middlesex School, Concord, Mass.

MEETING OF THE SULLIVANT MOSS CHAPTER.

The meeting of the Sullivant Moss Chapter, already announced in the May *BRYOLOGIST*, will take place at the New York Botanical Garden, Bronx Park, New York City, on Saturday, Dec. 29th, at 2 p. m. It is not possible at this writing to specify the room in which the meeting will be held.

A most gratifying response has been received to the circular letter of June 22d, and a program of much interest is assured, consisting of informal papers, discussions, and the exhibition of material. Those members who will contribute are requested to send notice to the President before Dec. 1st in order that an outline program may be sent to the Chapter by the end of the first week in the month. If those members who will attend the meeting, and all who can are urged to do so, will inform the President or the Treasurer of their intentions at the earliest date possible, it will be greatly appreciated.

EDWARD B. CHAMBERLAIN,

President.

Parts III and IV of "Common and Conspicuous Lichens of New England," by Reginald Heber Howe, Jr. and Marion Appleton Howe, have been received. Parts I and II were reviewed in the *BRYOLOGIST* for May by Prof. Bruce Fink. In it he calls attention to the fact that the half tones are not quite all that could be desired and it is a pleasure to notice a great improvement in them, especially in the last part issued.

A. M. S.

The attention of all field workers is called to the article on *Polytrichum commune* by Prof. J. Franklin Collins in this issue, and especially to the desire of the author for material from all sections of the country.

We welcome two new members this month, Mrs. H. E. Young, Atlin, British Columbia, Canada, and Prof. Wm. P. Holt, 1004 Jefferson Avenue, Toledo, Ohio. This makes our membership 177.

NOTICE—ELECTION OF OFFICERS FOR 1907.

The members of the Sullivant Moss Chapter are requested to forward ballots AT ONCE to the Judge of Elections, Prof. J. Franklin Collins, 468 Hope street, Providence, R. I. Polls close November 30th. The following candidates have signified their willingness to serve, if elected. Members, however, are at liberty to vote for any other candidates, should they prefer to do so.

For President—Mr. Edward B. Chamberlain, 519 West 121st street, New York City.

For Vice-President — Mr. G. K. Merrill, 564 Main street, Rockland, Maine.

For Secretary—Dr. John W. Bailey, Walker Building, Seattle, Wash.

For Treasurer—Mrs. Annie Morrill Smith, 78 Orange street, Brooklyn, N. Y.

THE DECEMBER CHAPTER MEETING.

As we go to press a letter from the secretary of the local committee of arrangements for the American Association for the Advancement of Science has been received, stating that Friday afternoon, December 28th, would be the most convenient time for the meetings of several of the smaller affiliated societies, including the Sullivant Moss Chapter. The meeting to be held at Columbia University, at 2 P. M.—**not** at the New York Botanical Garden as stated on the previous page.

Therefore, reserve Friday afternoon, December 28th, and be at Columbia University at 2 P. M. Notice of the room and further details will be sent later by card to members.

EDWARD B. CHAMBERLAIN, President,
518 West 121st street,
New York City.

MUSCI ACROCARPI BOREALI-AMERICANI.

(Prepared and Distributed by Prof. J. M. Holzing.)

We have just received numbers 201-225 of Prof. Holzing's Exsiccati and consider this fascicle one of the best yet issued. It contains:

Bruchia Donnellii Aust.
Bruchia Drummondii Hpe.
Dicranum longifolium subalpinum Milde.
Campylopus subleucogaster Lesq. & J.
Grimmia calyptrata Hook.
Ptycomitrium Gardneri Lesq.
Orthotrichum laevigatum Zett.
Tayloria tenuis (Dicks.) Sch.
Physcomitrium acuminatum B. & S.
Physcomitrium Drummondii E. G. B.
Entosthodon Drummondii Sulliv. var. *obtusifolia* Holz. var. nov.
Webera Lescuriana Sulliv.
Bryum purpurascens R. Br.
Polytrichum gracile (Dicks.) Menz,

No. 224 *Bryum purpurascens* R. Br. is from Sweden and looks a little peculiar under *Boreali-Americani*, but the specimens of this species are very good and all will be glad to get them. Georgia and Florida, Vermont and Canada, Washington and Oregon, Kansas and many other states between these named are represented. Prof. Holzing's work is a valuable contribution to science and will rank with the classical *Musci Boreali-Americani* of Sullivant and Lesquereux.

A. J. GROUT.

NORTH AMERICAN MUSCI PLEUROCARPI.

By DR. A. J. GROUT.

The eleventh fascicle of the above exsiccati, issued by Dr. A. J. Grout, appeared during the past summer and contains numbers 251 to 275, besides additional material of certain earlier numbers. Special attention should be called to the interesting material from Florida and from the west coast, which is being issued in these sets. The following species are of especial note in the present fascicle: *Alsia Californica*, Sull., (c. fr.), *Brachythecium lamprochryseum*, C. M. & K., *B. salebrosum mamilligerum* (Kindb.) Grout, *B. splendens*, Aust., *Fontinalis Neo-Mexicana Columbica*, Card. (type collection), *Hookeria cruceana*, Duby, *Hypnum Bestii*, Ren. & Bryhn, *H. occidentale*, Sull. & Lesqr., *Leptodon Floridanus*, Lindb., *Raphidostegium Kegelianum Floridanum*, Ren. & Card. EDWARD B. CHAMBERLAIN.

OFFERINGS.

To Chapter Members only. For postage.

- Mrs. Mary A. Stevens, 39 Columbia street, Brookline, Mass. *Ulota phyllantha* Brid.
- Mr. Edward B. Chamberlain, 519 West 121st street, New York City. *Neckera pennata* Hedw.
- Dr. John W. Bailey, 405-406 Walker Building, Seattle, Wash. *Fissidens rufulus* B. & S.; *Hypnum circinale* Hook.
- Mrs. Annie Morrill Smith, 78 Orange street, Brooklyn, New York. *Plagiothecium undulatum* (L.) B. & S.; *Neckera Menziesii* Hook.; *Hylocomium loreum* (L.) B. & S.; *H. triquetrum* (L.) B. & S. Collected by A. J. Hill in British Columbia.
- Prof. J. Franklin Collins, 468 Hope street, Providence, R. I. *Paludella squarrosa* (L.) Brid. st. Collected in the Gaspé Peninsula.
- Dr. John L. Sheldon, Morgantown, West Virginia. An odd form of *Scapania nemorosa* Dumort. Duplicate det. by Müller. Collected at Sabraton, W. Va.
- Miss Mary F. Miller, 1109 M. street, Washington, D. C. *Umbilicaria pustulata* (L.) Hoffm.; *U. Dillenii* Tuckerm. Collected at Gapland, Md. top of Elk Ridge Mt.